

**TABLE 5.4.10.1–1.—Summary of Input Parameters for Analysis of Community Noise Issues
Under the Reduced Operation Alternative**

Parameter	Units	Site	No Action Alternative	Reduced Operation Alternative
Daily vehicle traffic	1,000 vehicles	Livermore	22.6	21
		Site 300	0.5	No change
Explosives testing ^a	Shot frequency (number per year)	Livermore	Shot frequency would not be limited, but would not change appreciably from current levels. Hundreds of experiments are conducted each year (e.g., 501 shots within the HEAF during FY2002)	Shot frequency would not change appreciably.
		Site 300	Shot frequency would not be limited, but would not change appreciably from current levels. Typical activities include about 200 open air tests per year (including gun firings) and could include about 12 to 25 tests per year in the Contained Firing Facility. Activity on open air firing tables will continue to far exceed that in the Contained Firing Facility.	Shot frequency would not change appreciably, although one of the approximately four to six open air hydroshot experiments would likely be eliminated.
	Maximum weight in kilograms	Livermore	Shot weight would continue to range from gram level up to kilogram level.	No change
		Site 300	Shot weight would continue to range from gram level up to kilogram level. Based on the type of explosive used and constraints imposed by LLNL management to limit the maximum allowable sound pressure level, not to exceed 126 dB(A) in nearby populated areas.	No change

^a LLNL 2003ar.

dB(A) = A-weighted decibels; FY = fiscal year; HEAF = High Explosive Application Facility; LLNL = Lawrence Livermore National Laboratory.